International Journal of Coal Geology, 18 (1991) 351–352
Elsevier Science Publishers B.V., Amsterdam

Contents Volume 18, 1991

Research papers

Clastic sedimentary environments and organic petrology of coals in the Orange Free State, South Africa
N. Stavrakis (Gallo Manor, South Africa) and M. Smyth (North Ryde, N.S.W., Australia) 1

Facies development in the Lower Freeport coal bed, west-central Pennsylvania, U.S.A.
B.S. Pierce, R.W. Stanton and C.F. Eble (Reston, Va., U.S.A.) 17

Comparisons of central Appalachian Carboniferous coal beds by benches and a raised Holocene peat deposit
J.R. Staub (Carbondale, Ill., U.S.A.) 45

Bituminite — A TEM view
G.H. Taylor, S.Y. Liu (Canberra, A.C.T., Australia) and M. Teichmüller (Krefeld, Germany) 71

Lithotype (maceral) composition and variation as correlated with paleo-wetland environments, Gates Formation, northeastern Britisch Columbia, Canada
M.N. Lamberson, R.M. Bustin (Vancouver, B.C., Canada) and W. Kalkreuth (Calgary, Alta., Canada) 87

Coal facies interpretations based on lithotype and maceral variations in Lower Cretaceous (Gates Formation) coals of Western Canada
D. Marchioni and W. Kalkreuth (Calgary, Alta., Canada) 125

Book Review

Reclamation, Treatment and Utilization of Coal Mining Wastes, by A.K.M. Rainbow (Editor)—B.N. Whittaker 163

Announcement 164

Research Papers

Organic petrological composition of Triassic source rocks and their clastic depositional environments in some Australian sedimentary basins
M. Smyth (North Ryde, Australia) and M. Mastalerz (Wroclaw, Poland) 165

The effects of clastic sedimentation on organic facies development within a Tertiary subbituminous coal bed, Powder River Basin, Montana, U.S.A.
T.A. Moore (Lexington, Ky., U.S.A.) 187

Geochemistry of the Blue Gem coal bed, Knox County, Kentucky
J.C. Hower, S.M. Rimmer and A.E. Bland (Lexington, Ky., U.S.A.) 211

The nature and evolution of lithotypes in the Tertiary brown coals of the Latrobe Valley, southeastern Australia
A.P. Kershaw (Clayton, Vic., Australia), P.F. Bolger (Melbourne, Vic., Australia), I.R.K. Sluiter (Mildura, Vic., Australia), J.G. Baird and M. Whitelaw (Clayton, Vic., Australia) 233

Geochemistry and lithofacies of Permo-Carboniferous carbonaceous rocks from the southwestern edge of the Bohemian Massif (Germany). A contribution to facies anal-

ysis of continental anoxic environments
H. Dill, M. Teschner and H. Wehner (Hannover, Germany) 251
Bacteria-like bodies in coalified Carboniferous xylem — enigmatic microspheroids or possible evidence of microbial saprophytes in a vitrinite precursor?
P.C. Lyons (Reston, Va., U.S.A.) 293
Influence of regional structure on the development and quality of the Upper Elkhorn No. 2 coal bed, eatern Kentucky
R.P. Raione, J.C. Hower and G.D. Wild (Lexington, Ky., U.S.A.) 305
Distribution of sulfur in coals of the Teruel Mining District
X. Querol, J.L. Fernandez-Turiel, A. Lopez-Soler (Barcelona, Spain), H.W. Hagemann, J. Dehmer (Aachen, Germany), R. Juan and C. Ruiz (Zaragoza, Spain) 327

Book Reviews
Jet Cutting and Cleaning Bibliography by R. Higginbotham (Editor)—B.N. Whittaker..... 347
Mining for the Future—Trends and Expectations edited by Chinese Organizing Committee—B.N. Whittaker 347
Logwall Thick Seam Mining by R.V. Ramani and A.K. Ghose (Editors)—
B.N. Whittaker 348